

UNITED
NATIONS

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Economic and Social Council

Distr.
LIMITED

E/CONF.92/L.16
9 April 2000

ORIGINAL: ENGLISH

FIFTEENTH UNITED NATIONS REGIONAL
CARTOGRAPHIC CONFERENCE FOR ASIA
AND THE PACIFIC

Kuala Lumpur, 11-14 April 2000

Items 7&8 of the provisional agenda*

REPORT ON RESOLUTIONS OF THE 14TH UNRCC-AP

* E/CONF.92/INF/1

15th UNRCC-AP, Kuala Lumpur, 11-14 April 2000

Prototype System for Monitoring UNRCC-AP Resolutions

This document:

1. has been prepared by PCGIAP in consultation with the United Nations Statistics Division for the agenda item reporting on Resolutions from the 14th UNRCC-AP (Bangkok 1997) at the 15th UNRCC-AP, Kuala Lumpur 11-14 April 2000
2. is proposed as the basis of the system for monitoring Resolutions from UNRCC-APs that will be placed on the PCGIAP web site.

(Refer Resolution 7 below)

CATEGORISED RESOLUTIONS ADOPTED BY THE 14 th UNRCC-AP	ACTION BY:	PROCEDURAL / NON-PROCEDURAL / TECHNICAL	DRAFT STATUS OF ACTION
PROCEDURAL			
1. Funding for spatial data infrastructure programmes The Conference, Recommends that the United Nations, through the Permanent Committee on GIS Infrastructure for Asia and the Pacific of the United Nations Regional Cartographic Conference for Asia and the Pacific			
(a) Identify options for new and innovative ways to finance spatial data infrastructure programmes;	UN & PCGIAP	P	Through the PCGIAP Taskforce a number of spatial data infrastructure needs projects have been identified and funding options are being investigated
(b) Make funding agencies aware of the economic impact of spatial data infrastructure and urge those agencies to give greater attention to funding the spatial data infrastructure components of project proposals.	UN & PCGIAP	P	Initial steps have been taken with funding agencies. This approach will be further developed at the 15th UNRCC-AP
2. Fifteenth United Nations Regional Cartographic Conference for Asia and the Pacific The Conference,			
Recommends that the Economic and Social Council should convene the Fifteenth United Nations Regional Cartographic Conference for Asia and the Pacific in mid 2000, with a primary focus on the continued and strengthened contribution of surveying, mapping and charting in support of the implementation of Agenda 21.	UN	P	Convened

3. Involvement of Pacific island countries in United Nations meetings			
The Conference,			
Recommends that the United Nations, within existing resources, take the necessary initiatives to sponsor or facilitate forums more appropriate to the needs of Pacific island countries, such as group workshops, seminars and/or expert group meetings between conferences.	UN	P	The PCGIAP Task Force, with financial support from the Australian Government, convened a Pacific island countries workshop in March 1999 to investigate the development needs of these countries. At this meeting the PCGIAP Pacific Group was formed to represent the unique and special needs of the Pacific island countries. The UN sponsored of a representative from the Cook Islands to the 15th UNRCC-AP.
4. Review of rules and procedures			
The Conference,			
Recommends that the United Nations, through appropriate mechanisms and within existing resources, undertake a review and updating of current rules and procedures governing the effective operation of the regional cartographic conferences in time for the next United Nations Regional Cartographic Conference for Asia and the Pacific.	UN	P	
5. Linkages with other international forums			
The Conference,			
Recommends that the United Nations Secretariat, when extending invitations to cartography-related non-governmental organizations to participate in United Nations regional cartographic conferences, promote and encourage the active contributions of other relevant international non-governmental organizations and institutions at future cartographic conferences.	UN	P	Appropriate bodies have been invited to participate in the 15th UNRCC-AP.
6. Attendance at future United Nations Regional Cartographic Conferences for Asia and the Pacific			
The Conference,			
1. Recommends that the United Nations:			
(a) Assist the least developed and other developing countries with low per capita income to attend future Conferences through direct financial assistance, within existing resources, and encourage them to submit reports on their special needs along with their country reports;	UN	P	Seven developing nations received sponsorship to attend the 15th UNRCC-AP – Cook Islands, Nepal, Mongolia, Vietnam, Laos, Krygyzstan and Tajikistan. Member countries will be tabling reports that may include information on their special needs.
(b) Reassert the overall goal of attaining full regional participation at the Conferences;	UN	P	Recognising the severe economic constraints of most PCGIAP member countries significant sponsorship will be required to achieve this goal.
(c) Reaffirm the validity of resolution 3 of the Thirteenth United Nations Regional Cartographic Conference for Asia and the Pacific;	UN	P	Developing member countries are encouraged to advise on their special needs regarding participation at future conferences.
2. Further recommends the identification of appropriate means of encouraging the participation of the least developed and other developing countries with low per capita income, through bilateral initiatives, including bilateral sponsorship as part of ongoing technical assistance and/or other cooperative programmes.	UN	P	Australia provided support to a PCGIAP GIS development needs workshop in Suva Fiji for Pacific island countries in March 1999. As well Australia used two international science and technology grants that enabled four PCGIAP member countries to participate in both annual PCGIAP Geodesy workshops in Canberra July 1998 and in Vietnam July 1999.

7. Monitoring the implementation of Conference resolutions			
The Conference,			
1. Recommends that member States undertake an assessment of the performance of the past three United Nations regional cartographic conferences for Asia and the Pacific with a view to redefining the role and direction of future cartographic conferences for further strengthening and continued cooperation at the start of the new millennium, and that such an assessment be conducted through the Permanent Committee for GIS Infrastructure for Asia and the Pacific, with findings made available to the United Nations Secretariat for review and action, as appropriate, prior to the next Conferences;	Member Agencies	T	A draft system to monitor UNRCC-AP resolutions has been developed by the PCGIAP for the consideration of the UN and the 15 th UNRCC-AP. This document is proposed as the basis of that draft system. Use of this system will be facilitated through the PCGIAP web site
2. Further recommends that, as a result of the assessment, a set of criteria be defined and instruments established to facilitate the ongoing process of monitoring the implementation of future conference resolutions.	UN	T	It is envisaged this system will be used for reporting the status of resolutions at future Conferences.
8. Asia and Pacific Regional Geodetic Project			
The Conference,			
1. Urges the Permanent committee on GIS Infrastructure for Asia and the Pacific to carry out an Asia and Pacific geodetic project in close cooperation with the Asia/Pacific space geodynamics project, to establish a regional geodetic infrastructure and to maintain a regional geodetic network for GIS application;	PCGIAP	T	The PCGIAP Regional Geodetic Network Working Group carried out a space geodesy campaign comprising VLBI, DORIS, SLR and GPS in 1997. Subsequently it has carried out GPS campaigns in 1998 and 1999.
2. Recommends that all member countries in the region undertake a simultaneous geodetic data observation campaign with techniques of Very Long Baseline Interferometry (VLBI), Satellite Laser Ranging (SLR) and global positioning systems (GPS), within available resources, throughout the region for a one-month observation period in October 1997.	Member Agencies	T	Refer to Geodesy reports from PCGIAP annual meetings and on Working Group 1 activities on the PCGIAP web site at: < http://www.permcom.apgis.gov.au/ >
9. Graphic components in connection with digital map production			
The Conference,			
1. Recommends that more emphasis should be given to cartographic processes in map production	Member Agencies	P	No specific action reported
2. Further recommends that meetings regarding the standardization of symbols and layouts of maps and the overall visualization aspect be held within countries of the region.	Member Agencies	P	No specific action reported
10. Standardization of digital mapping databases			
The Conference,			
1. Recommends that the private sector in the industry be encouraged, through appropriate means, to coordinate efforts in the design of digital hardware and software in the field of digital cartography, digital photogrammetry, remote sensing, geographical information systems, and land information systems to bring about homogeneity and standardization in order to facilitate integration of data at the international level;	Member Agencies	P	Member countries may have included outcomes in country reports. No specific action reported
2. Further recommends that more participation in future United Nations Regional Cartographic Conferences by the private sector in the industry be encouraged.	Member Agencies	P	A number of private sector representatives or associations have indicated they will attend the 15th UNRCC-AP.

11. Development of the Global Map			
The Conference,			
1. Urges all the Governments of Asia and the Pacific to consider participating in the development of the Global Map, with the assistance of the International Steering Committee for Global Mapping and the close cooperation of the United Nations;	Government	P	Of the 55 PCGIAP member countries 27 are currently participating and 8 are considering their participation. Japan's Geographical Survey Institute is the lead agency for ISCGM and Prof John Estes is Chairman of the ISCGM. Prof Estes will be presenting on Global Mapping in the speaking sessions at the 15 th UNRCC-AP
2. Recommends the creation of a Global Mapping forum of data providers and users to facilitate the development of the Global Map and a virtual forum of users via the Internet or other means of communication and interaction;	Member Agencies	P	
3. Also recommends establishing and maintaining points of contact within national mapping organizations as the initial step in facilitating the creation of such a forum;	Member Agencies	P	The outcomes of these recommendations (1 - 2, 3, 4) can be evidenced by the significant progress in the development of the Global Map and the cooperation between ISCGM and the PCGIAP.
4. Further recommends the strengthening of collaborative and cooperative efforts between Global Mapping and those of various regional spatial data infrastructures, especially the Asia and the Pacific Spatial Data Infrastructure (APSDI) of the Permanent Committee on GIS Infrastructure for Asia and the Pacific.	Member Agencies & PCGIAP	P	
12. Permanent Committee on GIS Infrastructure for Asia and the Pacific			
The Conference,			
1. Recommends that cooperation be sought between the Regional Space Applications Programme (RESAP) of the Economic and Social Commission for Asia and the Pacific and the Permanent Committee on GIS Infrastructure for Asia and the Pacific, in advancing the successful realization of the aims of the Permanent Committee, listed above;	UN & PCGIAP	P	Meetings held and correspondence sent between the PCGIAP and ESCAP Space Technology Applications Section regarding collaboration and the development of the APSDI. An ESCAP remote sensing representative Mr WU Guoxiang will be presenting on the role of RESAP in the APSDI in the speaking sessions at the 15 th UNRCC-AP.
2. Also recommends that future reports by the Permanent Committee on GIS Infrastructure for Asia and the Pacific be submitted for consideration to subsequent United Nations regional cartographic conferences for Asia and the Pacific;	UN & PCGIAP	P	Reports are being presented at the 15th UNRCC-AP.
3. Further recommends that the Permanent Committee on GIS Infrastructure for Asia and the Pacific provide on its World Wide Web home page:		P	
(a) A link to the World Wide Web home page of the International Organisation for standardization/Technical Committee 211 (ISO/TC 211) in order to access the standards currently being developed by that Committee, especially the metadata and other geospatial data administration standards;	UN & PCGIAP	P	ISO/TC211 documents are working documents meant for those actively taking part in the work, and distribution beyond that is restricted. The password is only available to those actively involved in TC211 work. The general policy for access to restricted documents is through national standards bodies. Link provided from PCGIAP web site to ISO/TC211 homepage.
(b) A capability to report on the status of recommendations of the United Nations Regional Cartographic Conference for Asia and the Pacific;	UN & PCGIAP	P	Refer Resolution 7 above.
(c) A generic template with which nations can report the status of surveying, mapping, and GIS activities, including relevant national issues, actions taken and associated rationales for those actions.	UN & PCGIAP	P	Included on PCGIAP web site at: < http://www.permcom.apgis.gov.au/unrcc/report.htm >

<p>13. Workshop on land rights, land responsibilities and restrictions The Conference.</p> <p>Recommends that the United Nations, within existing resources, with the expert assistance of the International Federation of Surveyors and other relevant organizations, organize by 1999 a global workshop on land rights, land responsibility and restrictions and suitable cadastral structures and systems appropriate to the needs of Governments for their sustainable development.</p>	UN	P	<p>The "Global Workshop on Land Tenure and Cadastral Infrastructures to Support Sustainable Development" and the "International Conference on Land Tenure and Cadastral Infrastructures for Sustainable Development" were held in Australia (in Bathurst and Melbourne respectively) in October 1999.</p> <p>Prof Ian Williamson, representing FIG Commission 7, will be reporting on the outcomes of the Workshop and Conference at the 15th UNRCC-AP.</p> <p>More information from <http://www.sli.unimelb.edu.au/UNConf99/></p>
<p>14. Spatial data infrastructure The Conference.</p> <p>1. Recommends that the United Nations urge all Governments in Asia and the Pacific to consider establishing a national spatial data infrastructure.</p>	UN	P	<p>The UN through the PCGIAP is providing guidelines, encouragement and support for member countries to establish spatial data infrastructures.</p>
<p>2. Also recommends that the United Nations urge all Governments in Asia and the Pacific to consider participating in the work of the Permanent Committee in establishing the Asia and the Pacific Spatial Data Infrastructure.</p>	UN	P	
<p>3. Further recommends that the United Nations urge the Permanent Committee on GIS Infrastructure for Asia and the Pacific to endeavour to link the Asia and the Pacific Spatial Data Infrastructure into the Global Spatial Data Infrastructure.</p>	UN	P	<p>The PCGIAP hosted the GSDI 3 conference in Canberra, Australia, in November 1998. There are a number of PCGIAP members on the GSDI Steering Committee and there is significant interaction between the PCGIAP and the GSDI initiative.</p> <p>The initial Chair of the GSDI Steering Committee was a representative from PCGIAP, Mr Peter Holland of Australia. Mr Derek Clarke, current Chair of the GSDI Steering Committee will speak on GSDI and Emerging Nations at the 15th UNRCC-AP</p>
<p>15. Linking cadastral mapping with topographic mapping within a wider spatial data infrastructure The Conference.</p>	Member Agencies	NP	<p>Member countries will be tabling reports that may include mapping integration issues for the information of the UN and the PCGIAP.</p>
<p>16. Updating map inventories The Conference.</p>	UN, Germany	P	
<p>17. Notification of the holding of United Nations regional cartographic conferences The Conference.</p>	UN	P	<p>Action undertaken as set out with assistance from PCGIAP.</p>
<p>Recommends that the Secretariat consider that proposal of assistance (from Germany to assist updating the inventories).</p> <p>Recommends that the Secretariat make informal and appropriate arrangements for officials of survey organizations in the region to be informed about the venue and the dates of such Conferences.</p>	UN	P	<p>Action undertaken as set out with assistance from PCGIAP.</p>

<p>18. Participation of ASEAN FLAG as a non-governmental organisation at United Nations meetings on surveying and mapping The Conference,</p>			
<p>Recommends that ASEAN FLAG participate as a surveying and mapping non-governmental organization in future Conferences and meetings of the United Nations dealing with surveying, mapping and geomatics.</p>	UN	P	ASEAN FLAG has been invited to the 15th UNRCC-AP
<p>19. Involving non-governmental organisations in the development and provision of cadastral systems The Conference,</p>			
<p>Recommends that the United Nations system and its specialized agencies, including funding organizations, fully recognize and endorse the importance of involving all sectors, including government, private, academic and research institutions and non-governmental organizations, in achieving the development and provision of effective, efficient cadastral systems.</p>	UN	P	<p>The "Global Workshop on Land Tenure and Cadastral Infrastructures to support Sustainable Development" and the "International Conference on Land Tenure and Cadastral Infrastructures for Sustainable Development" have been reported on in Resolution 13 by Prof Ian Williamson.</p> <p>Prof Williamson will be convening a parallel session on cadastral issues at this conference.</p>
<p>20. Strengthening non-governmental organizations The Conference,</p>			
<p>Recommends that member States, through their relevant surveying and mapping agencies:</p>			
<p>(a) Enter into mutually beneficial relationships with relevant non-governmental organizations;</p>	Member Agencies	P	Member countries will be tabling reports that may include relationship issues for the information of the PCGIAP and the UN
<p>(b) Promote, encourage and support the strengthening of existing non-governmental organizations, if required, and/or facilitate their establishment when they do not already exist.</p>	Member Agencies	P	